

**APALACHICOLA RIVER BASIN
2004 Water Year**

02336267 PEACHTREE CREEK AT PIEDMONT ROAD, NEAR ATLANTA, GA

LOCATION.—Lat 33°49'02", long 84°22'01" referenced to North American Datum (NAD) of 1927, Fulton County, Hydrologic Unit Code 03130001, at bridge on GA 237 (Piedmont Road), 0.2 miles downstream of South Fork Peachtree Creek, and 0.3 miles south of GA 236.

DRAINAGE AREA.—69.7 square miles.

COOPERATION.—City of Atlanta.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—August 19, 1976, September 3, 2003 to current year.

REMARKS.—Medium code 9 indicates a surface water sample. Medium code 1 indicates a suspended sediment sample. Hydrologic event 9 indicates a routine sample while J designates a storm event sample. Laboratory chemical analyses with analyzing agency code 80020 are by the U.S. Geological Survey, National Water Quality Laboratory. Laboratory chemical analyses with analyzing code 81345 are by the U.S. Geological Survey, Panola Mountain Laboratory. Laboratory sediment analyses with analyzing code 81350 are by the U.S. Geological Survey, Sediment Partitioning Research Laboratory. Field determinations of discharge, specific conductance, pH, water temperature, turbidity, and dissolved oxygen are by the U.S. Geological Survey.

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02336267 PEACHTREE CREEK AT PIEDMONT ROAD, NEAR ATLANTA, GA—continued.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	End time	Medium	Hydro-logic event	Agency analyzing sample, (00028)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Turbidity, IR LED light, 90 deg, FNU (63680)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Disolved oxygen, percent saturation (00301)	pH, field, (00400)	Specif. conductance, wat unf (00095)	
								light, deg, FNU				pH, field, (00400)		
OCT														
16...	0905	--	9	9	81345	3.96	40	7.2	742	9.2	90	7.4	142	
16...	0930	--	9	9	81345	3.96	40	6.9	742	9.2	90	7.4	141	
JAN														
08...	1015	--	9	9	81345	4.26	45	7.3	753	13.5	102	7.1	123	
08...	1050	--	9	9	81345	4.26	45	7.1	753	13.5	101	7.1	123	
20...	1030	--	9	9	81345	4.22	39	15	746	13.7	105	7.0	122	
20...	1045	--	9	9	81345	4.22	39	15	746	13.7	105	7.0	121	
MAR														
01...	1045	--	9	9	81345	--	63	5.9	756	11.7	104	7.2	133	
01...	1115	--	9	9	81345	--	63	6.2	756	11.6	104	7.2	132	
25...	0945	--	9	9	81345	4.26	46	4.8	760	10.6	100	7.4	142	
25...	1000	--	9	9	81345	4.26	46	4.8	760	10.6	100	7.5	143	
APR														
06...	1100	--	9	9	81345	4.09	41	6.8	750	9.9	94	7.3	143	
06...	1115	--	9	9	81345	4.09	41	6.4	750	10.1	97	7.3	144	
MAY														
04...	1015	--	9	9	81345	4.30	43	10	747	9.4	94	7.2	114	
04...	1030	--	9	9	81345	4.30	43	9.4	747	9.4	94	7.2	114	
19...	0745	--	9	9	81345	4.09	34	9.2	752	7.5	85	7.2	133	
19...	0750	--	9	9	81345	4.09	34	10	752	7.4	84	7.2	133	
JUN														
10-10	0815	0915	9	J	81345	4.27	48	86	749	7.2	85	7.0	80	
JUN	10-10	0920	0925	9	J	81345	4.27	48	97	749	7.2	85	7.1	75
JUL														
13...	0725	--	9	9	81345	3.99	29	7.0	746	7.3	90	7.4	160	
13...	0730	--	9	9	81345	3.99	29	6.9	746	7.3	90	7.4	160	
29...	0910	--	9	J	81345	4.21	46	33	747	7.1	86	7.0	102	
29...	0915	--	9	J	81345	4.21	46	34	747	7.1	86	7.0	102	
AUG														
05...	0740	--	9	9	81345	3.92	--	8.2	749	6.7	83	7.1	129	
05...	0745	--	9	9	81345	3.92	--	8.4	749	6.8	84	7.1	130	
19...	1025	--	9	9	81345	3.83	20	6.4	744	8.7	106	7.4	138	
19...	1030	--	9	9	81345	3.83	20	6.5	744	8.7	106	7.4	138	
SEP														
22...	0815	--	9	9	81345	4.15	--	8.2	743	7.7	83	6.8	151	

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02336267 PEACHTREE CREEK AT PIEDMONT ROAD, NEAR ATLANTA, GA—continued.

Date	Noncarb										Alka-					
	Hard-		Magnes-		Potas-		Sodium		wat flt		Chlor-					
	Temper-	ness,	wat flt	Calcium	ium,	sium,	Sodium	Sodium,	Gran,	Bromide	ide,	Silica,				
	ature,	water,	lab,	water,	water,	water,	water,	water,	lab,	water,	water,	water,				
	water,	mg/L as														
	deg C	CaCO ₃														
	(00010)	(00900)	(00905)	(00915)	(00925)	(00935)	(00931)	(00930)	(00932)	(29803)	(71870)	(00940)				
OCT																
16...	14.0	45	--	13.0	3.02	3.30	.5	7.27	24	47.3	M	8.23	18.0			
16...	14.5	45	--	13.0	3.04	3.28	.5	7.30	24	47.1	.1	8.09	17.7			
JAN																
08...	3.5	66	46	16.8	5.90	3.16	.6	10.5	25	20.4	.1	12.2	18.6			
08...	3.5	67	47	17.0	5.98	3.27	.6	10.9	25	20.6	.1	12.2	18.5			
20...	3.5	51	5	13.1	4.49	2.99	.5	8.83	26	46.8	.1	14.5	17.2			
20...	3.5	68	66	17.2	6.12	3.83	.8	14.5	30	2.4	.1	16.0	17.5			
MAR																
01...	10.0	45	7	13.0	3.03	2.20	.4	6.41	23	37.8	<.02	10.2	16.3			
01...	10.0	46	8	13.3	3.02	2.42	.5	7.05	24	37.8	<.02	10.0	16.9			
25...	12.5	50	6	14.4	3.40	2.49	.5	8.34	25	43.7	.1	11.1	13.8			
25...	12.5	49	5	14.1	3.25	2.66	.5	8.61	26	43.9	.1	11.1	13.9			
APR																
06...	12.5	48	3	13.6	3.28	2.73	.5	7.82	25	45.0	.1	9.25	16.3			
06...	13.0	48	3	13.9	3.31	2.71	.5	7.88	25	45.2	.1	9.27	16.0			
MAY																
04...	14.5	40	4	11.6	2.56	2.77	.3	4.70	19	35.9	.1	6.33	15.6			
04...	14.5	36	--	10.5	2.28	2.84	.4	5.42	23	36.2	.1	6.31	13.9			
19...	21.0	44	5	13.1	2.76	2.88	.4	6.55	23	39.1	.1	8.01	17.0			
19...	21.0	43	3	12.5	2.81	2.99	.4	5.93	22	39.4	.1	7.41	17.3			
JUN																
10-10	22.5	25	4	7.90	1.35	2.27	.4	4.10	24	21.4	M	4.02	9.97			
JUN																
10-10	22.5	25	5	7.88	1.26	2.26	.3	3.99	24	20.4	M	3.87	9.92			
JUL																
13...	24.5	45	--	13.2	2.92	3.06	.4	6.85	23	45.8	.1	7.8	13.9			
13...	24.5	46	--	13.6	2.83	3.14	.5	7.28	24	46.1	.1	7.8	13.9			
29...	24.0	32	4	9.70	1.85	3.11	.4	4.67	22	28.3	M	4.4	10.7			
29...	24.0	32	3	9.70	1.87	3.19	.4	5.04	23	28.8	M	4.5	11.1			
AUG																
05...	25.0	44	--	13.2	2.74	3.22	.4	6.45	22	.0	.1	6.4	14.7			
05...	25.0	41	.0	12.3	2.59	3.09	.4	5.94	22	40.7	.1	6.5	14.4			
19...	24.0	45	2	13.3	2.79	3.13	.4	6.89	24	42.7	.1	8.0	15.4			
19...	24.0	47	4	14.0	2.94	3.17	.5	7.35	24	42.9	.1	8.0	16.2			
SEP																
22...	17.5	--	--	--	--	--	--	--	--	42.5	.1	12.0	--			

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02336267 PEACHTREE CREEK AT PIEDMONT ROAD, NEAR ATLANTA, GA—continued.

Date	Residue	Residue	Ammonia	Nitrate	Nitrite	Ortho-	Total	E coli,	Fecal	Total
	water, fltrd,	water, consti- tuents fltrd,	water, tons/ acre-ft	water, fltrd,	water, mg/L	water, mg/L	nitro- gen, Substr.	coli- form,	coli- form,	Total
	Sulfate mg/L (00945)	sum of water, mg/L (70301)	(70303)	(71846)	(00608)	(00618)	Wat flt Tech., by anal ysis, MPN/ mg/L	M-FC water, col/ mL	Tech., MPN/ mL	(50569)
OCT										
16...	7.0	91	.12	--	<.020	.51	<.020	<.10	.67	--
16...	7.0	90	.12	--	<.020	.51	<.020	<.10	.69	240
JAN										
08...	52.9	139	.19	.08	.063	1.10	<.020	<.10	.80	400
08...	52.4	139	.19	.07	.058	1.09	<.020	<.10	.80	--
20...	7.7	105	.14	.05	.039	1.52	<.020	<.10	.89	--
20...	73.0	158	.21	.05	.039	1.20	<.020	<.10	.74	380
MAR										
01...	8.7	87	.12	.04	.030	.90	<.020	<.10	.95	--
01...	8.5	88	.12	.05	.040	.89	<.020	<.10	.93	92
25...	7.8	91	.12	--	<.020	.65	<.020	<.10	.73	190
25...	7.8	91	.12	--	<.020	.64	<.020	<.10	.76	--
APR										
06...	7.9	91	.12	.04	.030	.56	<.020	<.10	.65	63
06...	8.0	91	.12	.04	.030	.56	<.020	<.10	.72	--
MAY										
04...	6.9	75	.10	.09	.072	.49	<.020	<.10	.71	720
04...	6.8	73	.10	.08	.061	.49	<.020	<.10	.72	--
19...	7.2	84	.11	.07	.057	.54	.020	<.10	.71	1200
19...	6.6	82	.11	.09	.071	.51	.020	<.10	.59	--
JUN										
10-10	4.7	50	.07	.06	.050	.59	<.020	<.10	.74	8900
JUN										
10-10	4.6	49	.07	.06	.050	.59	<.020	<.10	.72	--
JUL										
13...	6.7	84	.11	.03	.020	.45	<.010	<.050	.48	--
13...	6.7	85	.12	.04	.030	.46	<.010	<.050	--	3000
29...	7.3	61	.08	.14	.110	.56	<.010	<.050	--	--
29...	7.3	63	.09	.14	.110	.55	<.010	<.050	--	4500
AUG										
05...	6.9	--	--	--	--	.44	<.010	--	--	--
05...	7.0	79	.11	--	--	.45	<.010	--	--	3300
19...	6.6	84	.11	--	--	.47	<.010	--	--	--
19...	6.6	86	.12	--	--	.47	<.010	--	--	440
SEP										
22...	16.0	--	--	--	<.020	1.41	<.020	<.10	--	1800
										3700 >240000k

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02336267 PEACHTREE CREEK AT PIEDMONT ROAD, NEAR ATLANTA, GA—continued.

Date	Barium, water, ug/L (01005)	Iron, water, ug/L (01046)	Stront- ium, water, ug/L (01080)
OCT 16...	56.9	130	60
16...	57.2	<100	60
JAN 08...	46.1	290	70
08...	77.2	300	80
20...	31.6	380	70
20...	44.8	370	80
MAR 01...	73.3	150	70
01...	58.5	150	70
25...	48.0	230	80
25...	73.4	210	70
APR 06...	45.9	160	70
06...	58.4	150	70
MAY 04...	29.6	170	60
04...	39.3	180	50
19...	39.6	<100	60
19...	46.5	110	60
JUN 10-10	17.1	<100	40
JUN 10-10	25.0	<100	40
JUL 13...	--	<50	60
13...	--	100	70
29...	--	<50	50
29...	--	120	50
AUG 05...	--	240	60
05...	--	250	60
19...	--	<50	60
19...	--	<50	70
SEP 22...	--	--	--

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02336267 PEACHTREE CREEK AT PIEDMONT ROAD, NEAR ATLANTA, GA—continued.

Date	Time	Hydro-logic event	Agency analyzing sample, code (00028)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Turbidity, IR LED light, deg FNU (63680)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Unfiltered field, wat unf std units (00400)	pH, water, 25 degC (00095)	Specific conductance, uS/cm (00010)	Alum-inum, water, ug/L (01106)	Cadmium, water, ug/L (01025)	
												degC	ug/L	
OCT														
16...	0906	9	80020	3.96	40	7.2	742	9.2	7.4	142	14.0	2	<.04	
16...	0931	9	80020	3.96	40	6.9	742	9.2	7.4	141	14.5	2	<.04	
JAN														
08...	1016	9	80020	4.26	45	7.3	753	13.5	7.1	123	3.5	4	<.04	
08...	1051	9	80020	4.26	45	7.1	753	13.5	7.1	123	3.5	3	<.04	
20...	1031	9	80020	4.22	39	15	746	13.7	7.0	122	3.5	2	<.04	
MAR														
01...	1046	9	80020	--	63	5.9	756	11.7	7.2	133	10.0	4	<.04	
01...	1116	9	80020	--	63	6.2	756	11.6	7.2	132	10.0	3	<.04	
25...	0946	9	80020	4.26	46	4.8	760	10.6	7.4	142	12.5	2	<.04	
25...	1001	9	80020	4.26	46	4.8	760	10.6	7.5	143	12.5	3	<.04	
APR														
06...	1101	9	80020	4.09	41	6.8	750	9.9	7.3	143	12.5	2	<.04	
06...	1116	9	80020	4.09	41	6.4	750	10.1	7.3	144	13.0	2	<.04	
MAY														
04...	1016	9	80020	4.30	43	10	747	9.4	7.2	114	14.5	4	<.04	
04...	1031	9	80020	4.30	43	9.4	747	9.4	7.2	114	14.5	4	<.04	
19...	0746	9	80020	4.09	34	9.2	752	7.5	7.2	133	21.0	3	<.04	
19...	0751	9	80020	4.09	34	10	752	7.4	7.2	133	21.0	4	<.04	
JUN	10-10	0816	J	80020	4.27	48	84	749	7.2	7.0	78	22.5	5	<.04
JUN	10-10	0921	J	80020	4.27	48	97	749	7.2	7.1	75	22.5	5	<.04
JUL														
13...	0726	9	80020	3.99	29	7.0	746	7.3	7.4	160	24.5	3	<.04	
13...	0731	9	80020	3.99	29	6.9	746	7.3	7.4	160	24.5	3	<.04	
29...	0911	J	80020	4.21	46	33	747	7.1	7.0	102	24.0	7	<.04	
29...	0916	J	80020	4.21	46	34	747	7.1	7.0	102	24.0	8	<.04	
AUG														
05...	0741	9	80020	3.92	--	8.2	749	6.7	7.1	129	25.0	5	<.04	
05...	0746	9	80020	3.92	--	8.4	749	6.8	7.1	130	25.0	6	<.04	
19...	1026	9	80020	3.83	20	6.4	744	8.7	7.4	138	24.0	3	<.04	
19...	1031	9	80020	3.83	20	6.5	744	8.7	7.4	138	24.0	3	<.04	
SEP	22...	0816	9	80020	4.15	--	8.2	743	7.7	6.8	151	17.5	8	<.04

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02336267 PEACHTREE CREEK AT PIEDMONT ROAD, NEAR ATLANTA, GA—continued.

Date	Chrom- ium, water, fltrd, ug/L (01030)	Copper, water, fltrd, ug/L (01040)	Lead, water, fltrd, ug/L (01049)	Mangan- ese, water, fltrd, ug/L (01056)	Nickel, water, fltrd, ug/L (01065)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)						
OCT													
16...	<.8	1.1	E.06n	133	.50	<.2	3.7						
16...	<.8	1.1	E.04n	131	.58	<.2	4.1						
JAN													
08...	<.8	1.2	.14	108	.68	<.2	9.8						
08...	<.8	1.2	.16	110	.62	<.2	9.6						
20...	<.8	1.1	.16	102	.54	<.2	8.4						
MAR													
01...	<.8	.9	E.08n	111	.62	<.2	9.6						
01...	<.8	.8	E.07n	109	.60	<.2	9.3						
25...	<.8	1.3	E.07n	124	.59	<.2	5.5						
25...	<.8	1.1	E.07n	129	9.26	<.2	5.9						
APR													
06...	<.8	1.2	.09	143	.48	<.2	5.1						
06...	<.8	1.2	.09	145	.50	<.2	5.2						
MAY													
04...	<.8	1.7	.19	107	.65	<.2	4.9						
04...	<.8	1.7	.17	109	.61	<.2	4.8						
19...	<.8	1.7	.14	174	1.23	<.2	3.8						
19...	<.8	1.7	.14	170	1.36	<.2	3.5						
JUN													
10-10	<.8	1.9	.10	52.5	.36	<.2	3.4						
JUN													
10-10	<.8	1.8	.08	57.0	.35	<.2	3.8						
JUL													
13...	<.8	1.2	E.06n	171	.52	<.2	2.7						
13...	<.8	1.1	E.06n	168	.56	<.2	2.6						
29...	<.8	2.0	.13	91.8	.59	<.2	3.7						
29...	<.8	1.8	.16	90.4	.59	<.2	3.8						
AUG													
05...	<.8	1.4	.12	175	.49	1.0	3.0						
05...	<.8	1.5	.13	171	.55	1.1	3.3						
19...	<.8	1.3	E.04n	153	.34	<.2	2.8						
19...	<.8	1.1	E.05n	152	.29	<.2	2.6						
SEP													
22...	<.8	.9	.15	160	.65	.6	5.0						
Date	Agency ana- lyzing sample, code (00028)	End time Time	Gage height, feet (00065)	Instan- taneous dis- charge, cfs (00061)	Turb- idity, IR LED light, det ang 90 deg, FNU (63680)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved percent of sat- uration (00301)	pH, unfltrd field, std (00400)	Specif. conduct- tance, us/cm (00400)	Temper- ature, deg C (00095)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	
OCT													
16...	0931	--	80020	3.96	40	6.9	742	9.2	90	7.4	141	14.5	<.5
JAN													
08...	1016	--	80020	4.26	45	7.3	753	13.5	102	7.1	123	3.5	<.5
20...	1046	--	80020	4.22	39	15	746	13.7	105	7.0	121	3.5	E.1
MAR													
01...	1116	--	80020	--	63	6.2	756	11.6	104	7.2	132	10.0	<.5
25...	0946	--	80020	4.26	46	4.8	760	10.6	100	7.4	142	12.5	<.5
APR													
06...	1101	--	80020	4.09	41	6.8	750	9.9	94	7.3	143	12.5	<.5
MAY													
04...	1016	--	80020	4.30	43	10	747	9.4	94	7.2	114	14.5	E.1
19...	0746	--	80020	4.09	34	9.2	752	7.5	85	7.2	133	21.0	<.5
JUN													
10-10	0816	0916	80020	4.27	48	84	749	7.2	85	7.0	78	22.5	<.5
JUL													
13...	0731	--	80020	3.99	29	6.9	746	7.3	90	7.4	160	24.5	<.5
29...	0916	--	80020	4.21	46	34	747	7.1	86	7.0	102	24.0	<.5
AUG													
05...	0746	--	80020	3.92	--	8.4	749	6.8	84	7.1	130	25.0	<.5
19...	1031	--	80020	3.83	20	6.5	744	8.7	106	7.4	138	24.0	<.5
SEP													
22...	0816	--	80020	4.15	--	8.2	743	7.7	83	6.8	151	17.5	<.5

APALACHICOLA RIVER BASIN
2004 Water Year

02336267 PEACHTREE CREEK AT PIEDMONT ROAD, NEAR ATLANTA, GA—continued.

Date	1-Methyl-naphthalene, ug/L (62054)	2,6-Dimethyl-naphthalene, ug/L (62055)	2-Methyl-naphthalene, ug/L (62056)	3-beta-Copros- tanol, ug/L (62057)	3-Methyl-1H-indole, ug/L (62058)	3-tert-Butyl-4-hydroxy-phenol, ug/L (62059)	4-Cumyl-phenol, ug/L (62060)	4-Octyl-phenol, ug/L (62061)	4-Nonyl-phenol, ug/L (62085)	4-Octyl-phenol, ug/L (62062)	5-Methyl-1H-benzo-triazole, ug/L (62063)	9,10-Anthraquinone, ug/L (62066)	Acetophenone, ug/L (62064)
OCT 16...	<.5	<.5	<.5	<2	<1	<5	<1	<1	E1	<1	<2	<.5	<.5
JAN 08...	<.5	<.5	<.5	<2	M	<5	<1	<1	<5	<1	M	E.1	<.5
20...	<.5	<.5	<.5	<2	M	<5	<1	<1	<5	<1	<2	E.1	<.5
MAR 01...	<.5	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
25...	M	M	M	<2	<1	<5	<1	<1	M	<1	<2	<.5	<.5
APR 06...	<.5	<.5	<.5	M	<1	<5	M	<1	<5	<1	<2	<.5	<.5
MAY 04...	<.5	<.5	<.5	E1	<1	<5	<1	<1	M	<1	<2	E.1	<.5
19...	<.5	<.5	<.5	M	<1	<5	<1	<1	E2	<1	<2	E.2	<.5
JUN 10-10	<.5	<.5	<.5	M	<1	<5	<1	<1	M	M	<2	E.2	<.5
JUL 13...	<.5	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	Mt	<.5	<.5
29...	<.5	<.5	<.5	Mt	Mt	<5	<1	<1	<5	<1	<2	E.1t	<.5
AUG 05...	<.5	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
19...	<.5	<.5	<.5	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
SEP 22...	<.5	<.5	<.5	Mt	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
Date	AHTN, water, ug/L (62065)	Anthra- cene, water, ug/L (34221)	Benzo- [a]- pyrene, water, ug/L (34248)	Benzo- phenone, water, ug/L (62067)	beta-Sitos- sterol, water, ug/L (62068)	beta-Stigmar- stanol, water, ug/L (62086)	Bisphe- nol A, water, ug/L (62069)	Bromo- cail, water, ug/L (04029)	Caf- feine, water, ug/L (50305)	Camphor filtrd, ug/L (62070)	Car- baryl, water, ug/L (82680)	Carba- zole, water, ug/L (62071)	Chlor- pyrifos ug/L (38933)
OCT 16...	<.5	<.5	<.5	<.5	<2	<2	<1	.5	E.1	<.5	<1	<.5	<.5
JAN 08...	M	<.5	<.5	E.1	<2	<2	<1	<.5	E.1	<.5	<1	M	<.5
20...	<.5	<.5	<.5	E.1	<2	<2	<1	<.5	E.2	M	<1	<.5	<.5
MAR 01...	<.5	<.5	<.5	<.5	<2	<2	<1	<.5	E.1	<.5	<1	<.5	<.5
25...	M	M	<.5	<.5	<2	<2	<1	.6	E.2	M	<1	<.5	<.5
APR 06...	M	<.5	<.5	<.5	M	M	M	<.5	E.1	M	<1	<.5	<.5
MAY 04...	M	<.5	<.5	M	<2	<2	<1	<.5	E.2	M	<1	M	<.5
19...	<.5	<.5	<.5	E.1	<2	M	<1	2.4	E.2	E.1	<1	E.1	<.5
JUN 10-10	M	M	<.5	E.1	<2	M	M	.7	E.3	M	M	E.1	<.5
JUL 13...	<.5	<.5	<.5	<.5	<2	<2	<1	E.4t	E.1t	Mt	<1	<.5	<.5
29...	Mt	<.5	<.5	<.5	E2t	E2t	2	<.5	E.3t	Mt	<1	<.5	<.5
AUG 05...	<.5	<.5	<.5	<.5	<2	<2	<1	<.5	<.5	<1	<1	<.5	<.5
19...	<.5	<.5	<.5	<.5	<2	<2	<1	<.5	E.1t	<.5	<1	<.5	<.5
SEP 22...	E.1t	<.5	<.5	<.5	Elt	Mt	Mt	<.5	E.4t	<.5	<1	<.5	<.5

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02336267 PEACHTREE CREEK AT PIEDMONT ROAD, NEAR ATLANTA, GA—continued.

Date	Cholesterol, ug/L (62072)	Cotinine, ug/L (62005)	DEET, ug/L (62082)	Diazi-nonylphenol, ug/L (39572)	Diethoxyoctylphenol, ug/L (62083)	Diethoxyoctylphenol, ug/L (61705)	D-Limonene, ug/L (62073)	Ethoxyoctylphenol, ug/L (61706)	Fluoranthene, ug/L (34377)	HHCB, ug/L (62075)	Indole, ug/L (62076)	Isoborneol, ug/L (62077)	Iso-phorone, ug/L (34409)
OCT 16...	<2	<1.00	E.2	<.5	<5	<1	<.5	M	<.5	<.5	<.5	<.5	<.5
JAN 08...	<2	<1.00	E.1	<.5	<5	<1	<.5	<1	M	M	<.5	<.5	<.5
20...	<2	<1.00	E.1	<.5	E3	<1	<.5	<1	M	<.5	<.5	<.5	<.5
MAR 01...	<2	<1.00	E.1	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5
25...	<2	<1.00	E.1	<.5	<5	<1	<.5	<1	<.5	M	<.5	<.5	M
APR 06...	E1	<1.00	E.1	<.5	<5	<1	<.5	<1	M	E.1	<.5	<.5	<.5
MAY 04...	E2	<1.00	E.1	<.5	<5	<1	<.5	<1	M	<.5	<.5	<.5	M
19...	E1	<1.00	E.2	E3	<1	<.5	<1	M	<.5	<.5	<.5	<.5	<.5
JUN 10-10	M	E.2200	E.2	<.5	E3	<1	<.5	M	E.1	<.5	<.5	<.5	M
JUL 13...	<2	<1.00	E.2t	<.5	<5	<1	<.5	<1	Mt	<.5	<.5	<.5	<.5
29...	E2t	<1.00	E.3t	<.5	E4t	Mt	E.1n	<1	Mt	<.5	<.5	<.5	<.5
AUG 05...	<2	<1.00	E.2t	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5
19...	<2	<1.00	E.1t	<.5	<5	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5
SEP 22...	E1t	<1.00	E.2t	<.5	E2t	Mt	<.5	Mt	<.5	<.5	<.5	<.5	<.5

Date	Iso-propylbenzene, ug/L (62078)	Iso-quinoline, ug/L (62079)	Menthol water, water, water, ug/L (62080)	Meta-laxyl, water, water, ug/L (50359)	Methyl salicylate, water, water, ug/L (62081)	Metolachlor, water, water, ug/L (39415)	Naphthalene, water, water, ug/L (39443)	p-Cresol, water, water, ug/L (62084)	Penta-chlorophenol, water, water, ug/L (34459)	Phenanthrene, water, water, ug/L (34462)	Phenol, water, water, ug/L (34466)	Prometon, water, water, ug/L (04037)	Pyrene, water, water, ug/L (34470)	
OCT 16...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	<.5	<.5	<.5	<.5
JAN 08...	<.5	<.5	E.1	<.5	<.5	<.5	M	M	<2	<.5	E.2	<.5	M	
20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	M	<2	<.5	<.5	<.5	M	
MAR 01...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	E.3	<.5	<.5	
25...	<.5	<.5	M	<.5	<.5	<.5	M	M	<2	M	E.3	<.5	<.5	
APR 06...	<.5	<.5	M	<.5	<.5	<.5	M	<1	<2	<.5	<.5	<.5	M	
MAY 04...	<.5	<.5	E.1	<.5	E.1	<.5	<.5	<1	E1	<.5	<.5	<.5	M	
19...	<.5	<.5	E.1	<.5	E.1	<.5	<.5	<1	<2	<.5	E.4	<.5	M	
JUN 10-10	<.5	<.5	<.5	<.5	M	<.5	<.5	M	<2	M	E.2	E.1	E.1	
JUL 13...	<.5	<.5	E.2t	<.5	E.1t	<.5	<.5	<1	<2	Mt	E.3t	<.5	Mt	
29...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	Mt	<2	Mt	1.0	E.1t	Mt	
AUG 05...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	E.2t	<.5	<.5	
19...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	<.5	<.5	<.5	
SEP 22...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5	1.0	<.5	<.5	

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02336267 PEACHTREE CREEK AT PIEDMONT ROAD, NEAR ATLANTA, GA—continued.

Date	Tetra-chloro-ethene, ug/L (34476)	Tri-bromo-methane, ug/L (34288)	Tri-butyl-phos-phate, ug/L (62089)	Tri-clo-san, ug/L (62090)	Tri-ethyl-citrate, ug/L (62091)	Tri-phenyl-phos-phate, ug/L (62092)	Tri-butoxy-ethyl-phos-phate, ug/L (62093)	Tris(2-phenyl-ethyl)-phos-phate, ug/L (62087)	Tris(2-chloro-ethyl)-phos-phate, ug/L (62087)	Tris(di-chloro- i-Pr)-phos-phate, ug/L (62088)	Di-chlor-vos, water, ug/L (38775)
OCT 16...	E.1	<.5	E.1	<1	<.5	<.5	<.5	E.1	E.1	<1.00	
JAN 08...	<.5	<.5	E.1	<1	<.5	E.1	.6	E.1	E.1	<1.00	
20...	E.1	<.5	E.1	<1	<.5	E.1	.5	E.1	E.1	<1.00	
MAR 01...	<.5	<.5	E.1	<1	<.5	M	E.3	<.5	E.1	<1.00	
25...	E.1	<.5	M	M	<.5	M	E.4	M	E.1	<1.00	
APR 06...	M	<.5	E.1	<1	<.5	E.1	.8	E.1	E.1	<1.00	
MAY 04...	M	<.5	E.1	M	<.5	E.1	.6	E.1	E.1	<1.00	
19...	E.1	<.5	E.2	<1	<.5	E.1	.7	E.1	E.1	<1.00	
JUN 10-10	M	<.5	E.1	<1	<.5	E.1	E.7	E.1	E.1	<1.00	
JUL 13...	Mt	<.5	<.5	<1	<.5	Mt	E.3t	E.1t	E.1t	<1.00	
29...	Mt	<.5	E.1t	<1	<.5	E.1n	.7	E.1t	E.1t	--u	
AUG 05...	<.5	<.5	<.5	<1	<.5	<.5	<.5	<.5	<.5	--u	
19...	<.5	<.5	<.5	<1	<.5	<.5	<.5	<.5	<.5	--u	
SEP 22...	<.5	<.5	<.5	<1	<.5	<.5	E.3t	<.5	<.5	--u	

Date	Time	End time	Medium code	Hydro-logic event	Agency analyzing sample, code (00028)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Turbidity, IR LED light, deg FNU (63680)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Disolved oxygen, percent of saturation (00301)	pH, water, field, std units (00400)	Specif. conductance, wat unf (00095)
OCT 16...	0850	--	1	9	81350	3.96	40	7.2	742	9.2	92	7.4	142
JAN 08...	1017	--	1	9	81350	4.26	45	7.3	753	13.5	103	7.1	123
08...	1050	--	1	9	81350	4.26	45	7.1	753	13.5	103	7.1	123
20...	1032	--	1	9	81350	4.22	39	15	746	13.7	105	7.0	122
MAR 01...	1047	--	1	9	81350	--	63	5.9	756	11.7	104	7.2	133
25...	1002	--	1	9	81350	4.26	46	4.8	760	10.6	100	7.5	143
APR 06...	1117	--	1	9	81350	4.09	41	6.4	750	10.1	97	7.3	144
MAY 04...	1032	--	1	9	81350	4.30	43	9.4	747	9.4	94	7.2	114
19...	0752	--	1	9	81350	4.09	34	10	752	7.4	84	7.2	133
JUN 10-10	0817	0917	1	J	81350	4.27	48	84	749	7.2	85	7.0	78
JUN 10-10	0922	0927	1	J	81350	4.27	48	97	749	7.2	85	7.1	75
JUL 13...	0727	--	1	9	81350	3.99	29	7.0	746	7.3	90	7.4	160
29...	0912	--	1	J	81350	4.21	46	33	747	7.1	86	7.0	102
AUG 05...	0742	--	1	9	81350	3.92	--	8.2	749	6.7	83	7.1	129
19...	1027	--	1	9	81350	3.83	20	6.4	744	8.7	106	7.4	138
SEP 22...	0817	--	1	9	81350	4.15	--	8.2	743	7.7	83	6.8	151

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02336267 PEACHTREE CREEK AT PIEDMONT ROAD, NEAR ATLANTA, GA—continued.

Date	Temper- ature, water, deg C (00010)	Alum- inum, suspnd sedimnt (30221)	Anti- mony, suspnd sedimnt (29816)	Arsenic suspnd sedimnt (29818)	Barium, suspnd sedimnt (29820)	Beryll- ium, suspnd sedimnt (29822)	Cadmium suspnd sedimnt (29826)	Chrom- ium, suspnd sedimnt (29829)	Cobalt, suspnd sedimnt (35031)	Copper, suspnd sedimnt (29832)	Iron, suspnd sedimnt (30269)	Lead, suspnd sedimnt (29836)	Lithium suspnd sedimnt (35050)
OCT													
16...	14.0	9.5	2.2	12	510	2	.7	95	38	64	7.5	66	31
JAN													
08...	3.5	10	3.5	12	540	2	.6	250	--	84	9.0	130	33
08...	3.5	10	3.5	12	540	2	.6	250	23	84	9.0	130	33
20...	3.5	14	1.9	5.1	510	4	.3	89	22	68	6.5	120	47
MAR													
01...	10.0	5.8	1.6	6.2	410	2	.4	78	17	710	6.9	57	22
25...	12.5	4.9	1.1	5.4	440	2	.4	--o	20	85	7.6	46	23
APR													
06...	13.0	6.1	2.3	7.0	440	2	.7	350	18	64	8.0	60	26
MAY													
04...	14.5	9.4	1.0	11	430	2	.6	--o	20	71	7.4	81	35
19...	21.0	9.5	2.9	11	500	2	.7	120	24	79	7.0	86	31
JUN													
10-10	22.5	7.3	8.4	5.0	420	1	.4	32	9	42	3.2	34	26
JUN													
10-10	22.5	13	2.9	8.0	470	3	.8	85	18	56	5.9	140	37
JUL													
13...	24.5	9.5	1.1	7.3	550	2	.6	130	16	58	6.5	68	32
29...	24.0	12	1.0	13	420	3	.6	110	36	89	7.4	130	39
AUG													
05...	25.0	9.3	1.1	8.4	480	2	.5	88	20	58	6.1	55	32
19...	24.0	7.2	1.4	12	440	2	1.3	560	18	66	8.1	82	21
SEP													
22...	17.5	8.3	1.1	11	500	2	.4	120	24	59	8.0	59	27
Date	Mangan- ese, suspnd sedimnt total, ug/g (29839)	Mercury denum, suspnd sedimnt total, ug/g (29841)	Molyb- dium, suspnd sedimnt total, ug/g (29843)	Nickel, suspnd sedimnt total, ug/g (29845)	Selen- ium, suspnd sedimnt total, ug/g (29847)	Silver, suspnd sedimnt total, ug/g (29850)	Stront- ium, suspnd sedimnt total, ug/g (35040)	Thall- ium, suspnd sedimnt total, ug/g (49955)	Titan- ium, suspnd sedimnt total, ug/g (49955)	Vanad- ium, suspnd sedimnt total, ug/g (30317)	Zinc, suspnd sedimnt total, ug/g (29853)	Uranium conc, flow through cntrfug mg/L (35046)	Suspnd. sedimnt
OCT													
16...	11000	.14	8	49	M	1	160	<50	.370	120	450	<50	.4
JAN													
08...	2200	--o	17	130	1	<2	63	<150	.430	130	600	<150	1
08...	2200	--o	17	130	1	<2	63	<150	.430	130	600	<150	1
20...	820	.11	3	36	1	<1	44	<100	.510	170	360	<100	11
MAR													
01...	1800	--o	6	36	1	<1	160	<100	.280	75	400	<100	3
25...	1800	.24	--o	1	2	250	<100	.250	90	380	<100	2	
APR													
06...	2300	.21	37	230	1	<1	230	<100	.320	84	390	<100	2
MAY													
04...	2100	.16	11	64	2	<1	150	<100	.500	130	390	<100	3
19...	4500	.12	10	64	1	<.5	120	<50	.420	120	420	<50	4
JUN													
10-10	1500	--o	21	16	1	<1	320	<100	.210	68	210	<100	87
JUN													
10-10	2900	.08	12	53	1	1	49	<100	.400	130	370	<100	61
JUL													
13...	1700	.06	11	75	1	<.5	130	<50	.440	110	310	<50	4
29...	5000	.17	4	67	1	2	46	<50	.580	170	380	<50	14
AUG													
05...	1800	<.01	5	45	1	35	110	<50	.490	120	280	<50	4
19...	2500	.12	60	380	1	2	180	<100	.380	120	350	<100	2
SEP													
22...	3900	.26	10	60	2	26	200	<100	.440	120	310	<100	4

Remark codes used in this table:

< -- Less than

> -- Greater than

E -- Estimated value

M -- Presence verified, not quantified

Value qualifier codes used in this table:

k -- Counts outside acceptable range

n -- Below the LRL and above the LT-MDL

t -- Below the long-term MDL

Null value qualifier codes used in this table:

o -- Insufficient amount of water

u -- Unable to determine-matrix interference